

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A shaving apparatus comprising two cooperating cutting members that are movable relative to each other and that are each provided with cutting teeth, wherein edges of the cutting teeth cooperate and wherein a cutting opening is present between the cooperating edges of the cutting teeth for catching hairs, said cutting opening diverging when seen in a shaving direction of the apparatus, wherein a space remains between at least a portion of the cooperating edges such that the cutting openings are not entirely closed during any time of operation of the shaving apparatus, wherein at least one of the edges of each pair of cooperating edges is provided with a cutting edge, and wherein one of the cooperating tooth edges in a zone between a tip of the tooth and the cutting edge forms an abutment for a hair caught in the cutting opening, wherein a face of the abutment is directed parallel to a plane of the hairs.

2. (Currently amended) The shaving apparatus as claimed in claim 1, wherein the cutting teeth of each cutting member comprises a row of substantially V-shaped cutting teeth, wherein each pair of cooperating edges enclose a shearing angle, while at least one of the edges of each pair of cooperating edges is provided with a cutting edge.

3. (Currently amended) The shaving apparatus as claimed in claim 2, wherein each the edge of each pair of the cooperating edges are is provided with tapered cutting edges in the region where the cutting opening is closed during operation.

4. (Canceled)

5. (Currently amended) The shaving apparatus as claimed in claim 2, wherein edges wherein the at least one of the edges of each pair of cooperating edges is a first one of the edges of each pair of cooperating edges, and wherein a second one of the cooperating edges are is provided with tapered cutting edges over an entire length of the cutting teeth.

6. (Previously presented) The shaving apparatus as claimed in claim 2, wherein the shearing angle between the cooperating tooth edges is between 5° and 25°.

7. (Previously presented) The shaving apparatus as claimed in claim 2, wherein the cutting members perform a reciprocating motion with a stroke S relative to one another, wherein S is in a range for which it holds that $0.01 \text{ nm} < S <$ to about 0.15 mm, with a frequency Q that is greater than 100 Hz.

8. (Previously presented) The shaving apparatus as claimed in claim 7, wherein the stroke S is between 0.05 mm and 0.1 mm and the frequency Q is between 150 Hz and 400 Hz.

9. (Canceled)

10. (Previously presented) The shaving apparatus as claimed in claim 1, wherein the cutting teeth of each of the cooperating cutting members are substantially a same length.

11. (Canceled)

12. (Previously presented) The shaving apparatus as claimed in claim 1, wherein when viewed from a direction perpendicular to a direction that the cutting teeth extend and in a direction that hairs extend during cutting, each one of the cooperating cutting teeth are not completely overlapped by an other one of the cooperating cutting teeth during any time of operation of the shaving apparatus and do not completely overlap the other one of the cooperating cutting teeth during any time of operation of the shaving apparatus.

13. (Canceled)

14. (New) The shaving apparatus as claimed in claim 1, wherein the zone is a first zone, the one of the cooperating tooth edges of each pair of cooperating edges having a formed abutment has a second zone between the abutment and a base that is provided with a cutting edge.

15. (New) The shaving apparatus as claimed in claim 14, wherein a transition point between the first zone and the second

Patent
Serial No. 10/594,016
Amendment in Reply to Office Action of March 12, 2009

zone occurs where the cooperating edges start overlapping in a most overlapped position during operation.